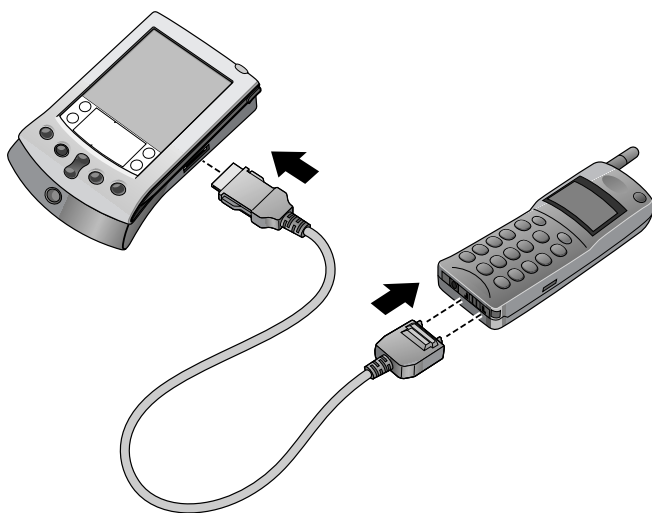


GSM Upgrade Kit Handbook



For the following digital GSM telephones:

- Nokia 6100 series
- Nokia 8100 series
- Ericsson 600/700 series

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Introduction

This GSM Upgrade Kit allows you to upgrade the software in your Palm V™ Modem or IBM® WorkPad® c3 Modem. Upgrading your modem software enables you to connect your Palm V organizer or IBM WorkPad c3 to certain makes and models of digital GSM telephones. The following table lists the makes and models of GSM telephones that can be connected to your modem:

Supported GSM Telephone Model Number	GSM Upgrade Kit Number
Nokia 5110, 5130, 5190, 6110, 6130, 6138, 6150, 6190	10424U
Nokia 3110, 3210, 3810, 5130, 8110, 8148	10425U
Ericsson CA638, CF688, CF768, CF788, GA628, GF768, GF768c, GF788, GH688, PF768	10426U

The Modem Utility application in this GSM Upgrade Kit works only with the specified makes and models of digital GSM telephones. Before you try to upgrade your modem, make sure the version of this kit is correct for your telephone.

Note: Contact your telephone service provider if you are not sure you have digital GSM service.

Your service provider can also verify that you have data and fax transmission service activated.

Upgrade Kit contents

In addition to this handbook, the GSM Upgrade Kit includes:

- **GSM cable**—connects your digital GSM telephone to your modem.
- **CD-ROM**—contains the Modem Utility application that upgrades the software on your modem so you can connect your modem to your GSM telephone.

System requirements

To upgrade the software on your modem, the following components are needed:

- Palm V or IBM WorkPad c3 organizer.
- Microsoft® Windows 95®, Windows 98®, Windows NT®. If you have a Palm V organizer, you can also use an Apple Macintosh™ with operating system 7.5.3 or later.
- Palm Desktop 3.0 or later for Microsoft Windows. If you have a Palm V organizer, you can also use Palm™ Desktop organizer software 2.1 for the Apple Macintosh.

Before you begin

Before you begin to upgrade your modem, make sure:

- No cables are attached to your modem.
- The HotSync® Manager on your computer is active.
- The battery in your organizer is fully charged.
- The batteries in your modem are new.

Instructions

Upgrading your modem involves the following procedures:

- Installing the Modem Utility application onto your computer's desktop (Microsoft Windows or Apple Macintosh).
- Performing a HotSync operation to install the Modem Utility application onto your organizer.
- Starting the Modem Utility application to upgrade your modem.
- Deleting the Modem Utility application from your organizer.

Installing the Modem Utility application onto your computer (Microsoft Windows)

1. Insert the Modem Utility CD-ROM into your computer's CD-ROM drive.
2. On your computer, copy the Modem Utility application into the add-on folder in the **Palm** directory on your computer's hard drive.

3. On your computer's taskbar, click **START>PROGRAMS>PALM DESKTOP>PALM DESKTOP**.

The **Palm Desktop** window opens.

4. Click **INSTALL**.

The **Palm Install Tool** dialog box opens.

5. If necessary, click the down arrow and select your correct User name.

6. Click **ADD**.

The **Open** dialog box opens.

7. Select **Modem Utility** from the add-on folder, then click **OPEN**.

The Modem Utility application will appear in the **Palm Install Tool** menu.

8. Click **DONE**.

The Palm Install Tool message box opens.

9. Click **OK**.

10. Perform a HotSync operation by placing the organizer into the cradle and pressing the HotSync button on the cradle.

Installing the Modem Utility application onto your computer (Apple Macintosh)

1. Insert the Modem Utility CD-ROM into your computer's CD-ROM drive.

2. In the **Palm** folder, choose **HotSync Manager**.

The **HotSync Manager** window opens.

3. If necessary, open the **Users** menu to select your correct User name.

4. On the **HotSync** menu, choose **Install**.

The **Install Handheld Files** dialog box opens.



5. Click **ADD TO LIST**.

The standard Macintosh file navigation dialog box opens.

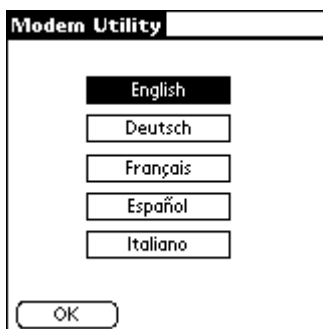
6. Select **Modem Utility**.

7. Click the **ADD FILE** button.
8. Perform a HotSync operation by placing the organizer into the cradle and pressing the HotSync button on the cradle.

Starting the Modem Utility application

1. Connect your organizer to the modem.
2. Make sure that:
 - The organizer is securely attached to the modem.
 - No cables are attached to the modem.
 - The battery in the organizer is fully charged.
 - The batteries in the modem are new.
3. Tap the Applications icon  on your organizer.
4. Tap the Modem Util icon .

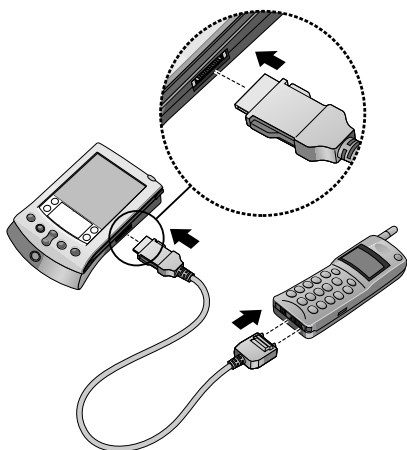
The first Modem Utility window opens.



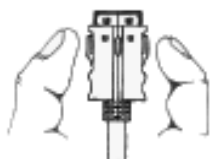
5. Select the language in which you want to view the Modem Utility screens, then tap **OK**.
6. Follow the instructions that appear on the subsequent screens to finish running the Modem Utility application.

Connecting your GSM cable to your digital GSM telephone and to the modem

1. Connect the GSM cable to your digital GSM telephone and to your modem, as shown below. Make sure the modem is not connected to an analog telephone cord.



Note: Press the two clips on the modem connector before inserting or removing the cable, as shown below.





2. Turn your digital GSM telephone on.

When your digital GSM telephone is connected to the modem, the modem automatically switches into GSM mode.

Note: Refer to your modem handbook for instructions on configuring your modem and for a list of software applications that can be used with the modem.

Deleting the Modem Utility application

Once you have upgraded the modem software, you should delete the Modem Utility application to increase the amount of available memory in your organizer.

1. Tap the Applications icon  on your organizer.
2. Tap the Menu icon .
3. Tap **DELETE** on the App menu.

A list of all applications that can be deleted is displayed.

4. Tap **MODEM UTIL.**
5. Tap **DELETE.**

A verification screen opens.

6. Tap **YES.**
7. Tap **DONE.**

Troubleshooting

Serial port in use

If you see the following error message, the serial port on your organizer is being used by another application:

Unable to initiate HotSync because the serial port is in use by another application.

Use the reset tip tool, or the tip of an unfolded paper clip (or a similar object that doesn't have a sharp tip), to gently press the reset button inside the hole on the back panel of your organizer.

Unable to connect

If you are having difficulty connecting to your digital GSM telephone:

- Check that all cables are securely attached.
- Contact your telephone service provider to confirm you have separate telephone numbers for data and fax communications.

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